L4 ANSWER 4 OF 29 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:386547 CAPLUS
DN 138:393098
TI Reversible thermal printing composition and material containing discoloration accelerator
IN Torii, Masafumi; Matsui, Hiroaki
PA Ricoh Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003145933	A2	20030521	JP 2001-342378	20011107
PRAI	JP 2001-342378		20011107		

OS MARPAT 138:393098
GI

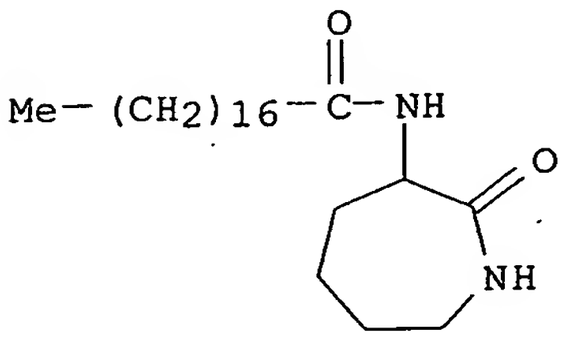
$(R—X)_n$

I

AB The composition comprises an electron donative color forming compound, an electron attractive compound, and a discoloration accelerating agent I [X = bivalent group containing ≥1 CO; R = bivalent group comprising hydrocarbon, containing ≥1 -R1mYR2 (Y = bivalent group comprising hetero atom; R1 = C1-11 bivalent aliphatic hydrocarbon; R2 = C1-22 aliphatic hydrocarbon; m = 0, 1) branched from hydrocarbylene forming ring structure containing X ; n = 1, 2], causing a colored or discolored state by the difference between heating temps. and/or cooling rates after heating. The material has a recording layer mainly containing the obtained composition The material shows stable color development and discoloration and improved thermal response characteristics.

IT **528584-46-5**
RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)
(reversible thermal printing material containing discoloration accelerator)

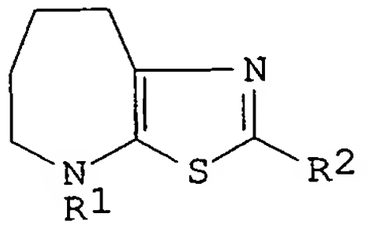
RN 528584-46-5 CAPLUS
CN Octadecanamide, N-(hexahydro-2-oxo-1H-azepin-3-yl)- (9CI) (CA INDEX NAME)



L4 ANSWER 24 OF 29 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1992:83664 CAPLUS
DN 116:83664
TI Preparation of 5,6,7,8-tetrahydro-4H-thiazolo[5,4-b]azepine derivatives as antihypertensives
IN Aono, Tetsuya; Shimamoto, Norio
PA Takeda Chemical Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 63 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03206042	A2	19910909	JP 1990-833	19900106
PRAI	JP 1990-833		19900106		

OS MARPAT 116:83664
GI



I

AB The title compds. [I; R1 = H, (un)substituted aliphatic, acyl or sulfonyl; R2 = H, (un)substituted aromatic or aliphatic] are prepared as K channel opener. Thus, 14.8 g 1,1'-carbonyldiimidazole was added to a solution of 12 g 2,6-F2C6H3CO2H in THF and thereto after stirring 15 min at room temperature 9.73 g 3-amino-ε-caprolactam was added and the mixture was stirred 5 h at room temperature to give 13.5 g 3-(2,6-difluorobenzoylamino)-ε-caprolactam which (8.96 g) was refluxed 24 h, with 8.96 g P4S10 in pyridine to give 23.8% I (R1 = H, R2 = 2,6-F2C6H3)(II). II and I [R1 = H, R2 = (Z)-4-Et2NC6H4CH:CH] (III) in vitro inhibited 8 and 100%, resp., rat aorta contraction induced by Et3NCl and BaCl2 and gave no inhibition of the one induced by 80 mM KCl. II and III at 1 mg/kg i.v. lowered 49 and 46%, resp. the blood pressure of rats. A total of 175 I were prepared

IT **128069-89-6P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and sulfuration-cyclization of, antihypertensive tetrahydrothiazoloazepine derivative from)

RN 128069-89-6 CAPLUS
CN 10-Undecenamide, N-(hexahydro-2-oxo-1H-azepin-3-yl)- (9CI) (CA INDEX NAME)